

Dialog 04 November 2000

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File 130:PHIND(Daily & Current) 2000/Nov 03 (c) 2000 PJB Publications,Ltd.  
File 148:Gale Group Trade & Industry DB 1976-2000/Nov 06 (c)2000 The Gale Group  
File 149:TGG Health&Wellness DB(SM) 1976-2000/Oct W5 (c) 2000 The Gale Group  
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File 155:MEDLINE(R) 1966-2000/Dec W4 (c) format only 2000 Dialog Corporation  
File 160:Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group  
File 169:Insurance Periodicals 1984-1999/Nov 15 (c) 1999 NILS Publishing Co.  
File 233:Internet & Personal Comp. Abs. 1981-2000/Nov (c) 2000 Info. Today Inc.  
File 256:SoftBase:Reviews,Companies&Prods. 85-2000/Sep (c)2000 Info.Sources Inc  
File 267:Finance & Banking Newsletters 2000/Nov 01 (c) 2000 The Dialog Corp.  
File 268:Banking Information Source 1981-2000/Oct W5 (c) 2000 Bell & Howell  
File 275:Gale Group Computer DB(TM) 1983-2000/Nov 06 (c) 2000 The Gale Group  
File 278:Microcomputer Software Guide 2000/Oct (c) 2000 Reed Elsevier Inc.  
File 347:JAPIO Oct 1976-2000/Jun(UPDATED 001012) (c) 2000 JPO & JAPIO  
File 348:European Patents 1978-2000/Nov W01 (c) 2000 European Patent Office  
File 349:PCT Fulltext 1983-2000/UB=20001102, UT=20001019 (c) 2000 WIPO/MicroPat.  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec (c) 1998 Inst for Sci Info  
File 442:AMA Journals 1982-2000/Oct B1 (c)2000 Amer Med Assn -FARS/DARS apply  
File 444:New England Journal of Med. 1985-2000/Oct W1 (c) 2000 Mass. Med. Soc.  
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File 474:New York Times Abs 1969-2000/Nov 03 (c) 2000 The New York Times

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 File 624:McGraw-Hill Publications 1985-2000/Nov 02 (c) 2000 McGraw-Hill Co. Inc  
 File 625:American Banker Publications 1981-2000/Nov 03 (c) 2000 American Banker  
 File 634:San Jose Mercury Jun 1985-2000/Nov 01 (c) 2000 San Jose Mercury News  
 File 635:Business Dateline(R) 1985-2000/Nov 04 (c) 2000 Bell & Howell  
 File 636:Gale Group Newsletter DB(TM) 1987-2000/Nov 06 (c) 2000 The Gale Group  
 File 637:Journal of Commerce 1986-2000/Nov 02 (c) 2000 Journal of Commerce Inc  
 File 810:Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	321047	(FRANK???? OR MAIL???? OR POST???? OR SHIP?????) (5N) (STAMP???? OR MARK???? OR IMAGE OR INDICI???? OR IMPRINT??? OR INPRINT?????)
S2	15298	S1 (5N) (TRANSACT????? OR TRANSFER????? OR PAID OR PAY????? OR ORDER?????)
S3	404	S2 (10N) PRINT?????
S4	378491	PRINT???? (10N) (TRANSACT????? OR TRANSFER????? OR PAID OR PAY????? OR ORDER?????)
S5	1293199	(TRANSACT????? OR TRANSFER????? OR PAID OR PAY????? OR ORDER?????) (5N) (BILL???? OR UTILIT????? OR WATER OR GAS OR ELECTRIC??? OR POWER OR ENERGY)
S6	361	S3 AND S4
S7	71	S3 AND S5
S8	71	S6 AND S7
S9	46	RD S8 (unique items) [Scanned ti,kwic all]
S10	606218	(TRANSACT????? OR TRANSFER????? OR PAID OR PAY????? OR ORDER?????) (5N) (STAMP???? OR MARK???? OR IMAGE OR INDICI???? OR IMPRINT??? OR INPRINT?????)
S11	38156	(BILL???? OR UTILIT????? OR WATER OR GAS OR ELECTRIC??? OR POWER OR ENERGY) (10N) S10
S12	26663	(BILL???? OR UTILIT????? OR WATER OR GAS OR ELECTRIC??? OR POWER OR ENERGY) (5N) S10
S13	9512	PRINT????? (5N) S10
S14	260	S13 (S) S12
S15	27	S3 AND S14
S16	13	RD S15 (unique items) [Scanned ti,kwic all]
S17	218	RD S14 (unique items) [Scanned ti,kwic all]

17/TI,KWIC/32 (Item 1 from file: 148)  
DIALOG(R)File 148:(c)2000 The Gale Group. All rts. reserv.

#### Billpay, revisited.(Trisense Software's PaySense)(Brief Article)

1. Statements or invoices are prepared for printing by existing host billing software;
2. The PaySense Bill server (controlled by the bank or biller) translates print file into bill images;
3. PaySense bill server places each bill image into a customer's private bill mailbox;
4. Customers use free PaySense smart viewer software to pick up their bills;
5. Customers review bills and schedule payments with the PaySense smart...

17/TI,KWIC/85 (Item 43 from file: 347)  
DIALOG(R)File 347:(c) 2000 JPO & JAPIO. All rts. reserv.

#### METHOD FOR PREVENTING FORGERY OF BILL

##### ABSTRACT

PURPOSE: To prevent the forgery of a bill by printing an identification mark of a bill transferer on a bill when a bill form is given to the transferer from a banking organ...

9/TI,KWIC/33 (Item 13 from file: 348)  
DIALOG(R)File 348:(c) 2000 European Patent Office. All rts. reserv.

Automatic machine for the reading stamping, and tearing of postal current account receipts.

Automatische Maschine zum Lesen, Drucken und Abtrennen von Postkontokorrent-Empfangsbestatigungen.

Machine automatique pour la lecture, l'impression et la separation de recus de compte courant postal.

##### ...SPECIFICATION B1

The present invention relates to an automatic machine for reading, cutting and printing stamps on postal current account slips.

Currently, prepared postal current account payment slips, complete with the amount due, the code of the consumer and the postal current account number to be credited are sent to the consumer for the payment of various services, such as electricity , gas or telephone.

These slips consist of three parts, one of these, the receipt, is returned to the consumer once payment has been made, with the payment stamp, date on which payment is made and...

..of the payment slip, or at bank counters. In this case, the amount to be paid is debited to the consumer's postal current account with the bank.

To date, only automatic machines capable of printing stamps and cutting the payment slip are available. This is done after receipt of the cash payment by the office employee or after the office employee has controlled that the...

...field there are also some automatic machines able to fill in checks and documents: in this regard patent GB-A-2 131 353 is particularly interesting . It describes a device which is able to print information on documents and checks.

This device is connected to a supermarket till and receives data concerning the total amount of a customer's transaction. One of...

...by a feed roller, past two print heads. The print heads are staggered from each other in both vertical and horizontal directions. One of these print heads prints the amount of the transaction in words and in figures on one line of the cheque form, while the other print head prints payee and date information on another line of the cheque form.

However the patent GB-A-2 131 353 is not able to carry out all...

...a document, but also can perform most complicated and numerous operations.

In fact the aim of this invention is to further simplify postal current account payments with an automatic machine designed not only to print stamps and cut these payment slips but also to read all data and to transfer them to a data processing center which compares the data which those already available and...

...to return the payment slip complete.

Initially, a first version of the machine was produced and protected by the italian patent No. 1189896. This first version includes a mechanism for gripping and drawing the postal payment slip over a guide on which the slip stops in the correct position, ready to be cut and printed, after consent fot he same has been given.

These gripping and...

...slip and their trasmission to a data processing center.

In the practical realization of this machine and its initial use, it was found that the printing meccanism, mechanical in type, was not versatile enough, above all in terms of quality of the print on the payment slip and in up -dating of the device operated by an electric motor.

In view of these problems, and while maintaining the structural and practical layout of the machine...

...to the tap dead point, for each turn of the geared wheel (13).

Before and after the above cutting unit, there are two identical pin matrix printing heads (15) supported by means of two shelves (15a) screwed to the internal side of the front longitudinal edge (2). These two heads are crossed by the same ink tape...

...the exit.

It is evident that the counter-track (5a) must be provided with slots at the same level as the writing heads (15) in order to allow the pins to print on the slip below, in conjunction with the ink tape (16) placed there between.

Number (21) indicates the electronic reading head positioned an one of ...

...CLAIMS thus preventing the ink tape from being rewound into the cartridge (17); the counter-track (5a) further including slots at the same level as the printing heads (15) in order to

allow the writing pins to print on the slip below in conjunction with the ink tape (16) placed there between;

- an electronic head (21) for reading the data contained an the...

...and start of the first motors (6a and 6b) when the switch detects the passage of the front edge and the back edge of the slip , the optic switch (22 ) being placed on one of the longitudinal side walls (2) so that a standard size slip stops at its broken cutting line exactly under the blade (8);

- the machine operating so that...

...unit activates bath the first motors (6a and 6b) so as to eject the slip from the machine.

2. Automatic machine for reading, cutting and printing stamps on postal current account payment slips, according to claim 1, characterized in that the second motor (12) stops each time the geared wheel (13) has completed a full turn; and in that the...

17/9/85 (Item 43 from file: 347)  
DIALOG(R)File 347:JAPIO (c) 2000 JPO & JAPIO. All rts. reserv.

02048870 \*\*Image available\*\*

METHOD FOR PREVENTING FORGERY OF BILL

PUB. NO.: 61-262970 [JP 61262970 A]

PUBLISHED: November 20, 1986 (19861120)

INVENTOR(s): UCHIDA HISAO

YOSHIMURA MASAHIRO

APPLICANT(s): OMRON TATEISI ELECTRONICS CO [000294] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 60-106262 [JP 85106262]

FILED: May 17, 1985 (19850517)

INTL CLASS: [4] G06F-015/30; G07D-007/00

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications);  
29.4 (PRECISION INSTRUMENTS -- Business Machines)

JAPIO KEYWORD:R087 (PRECISION MACHINES -- Automatic Banking)

JOURNAL: Section: P, Section No. 566, Vol. 11, No. 116, Pg. 144, April 11, 1987  
(19870411)

ABSTRACT

PURPOSE: To prevent the forgery of a bill by printing an identification mark of a bill transferer on a bill when a bill form is given to the transferer from a banking organ.

CONSTITUTION: An amount print column, a column for transferer and transfer date and a stamp column 4 for transferer are provided at the center of a bill form 1. These columns are filled by the transferer who received the form 1. A MICR column 5 is provided along the lower side of the form 1 for print of the deposit account of the transferer carried out when the form 1 is delivered to the transferer from a banking organ. Then the amount and the exchange number, etc. are printed on the column 5 when the bill is exchanged. In addition, a KANA (Japanese syllabary) print column 6 is provided at the lower right part of the form 1 to print the transferer name in KATAKANA (square form of Japanese syllabary) when the account number of the transferer is printed on the column 5. Thus the forgery of a bill can be prevented

9/9/33 (Item 13 from file: 348)

DIALOG(R)File 348:European Patents (c) 2000 European Patent Office. All rts. reserv.

00277250

Automatic machine for the reading stamping, and tearing of postal current account receipts.

Automatische Maschine zum Lesen, Drucken und Abtrennen von Postkontokorrent-Empfangsbestatigungen.

Machine automatique pour la lecture, l'impression et la separation de recus de compte courant postal.

PATENT ASSIGNEE:

Automa di Sensi Giampiero & Biagetti Patrizia - S.n.c., (932690), Via S. Maria della Spina, 4, I-06081 Assisi (PG) Rivotorto, (IT), (applicant designated states: AT;BE;CH;DE;ES;FR;GB;GR;LI;LU;NL;SE)

INVENTOR:

Raspa, Giovanni, Via S. Maria della Spina, 4, I-06081 Assisi (PG) Loc. Rivotorto, (IT)

LEGAL REPRESENTATIVE:

Baldi, Claudio (50981), Piazza Ghislieri, 3, I-60035 Jesi (Ancona), (IT)

PATENT (CC, No, Kind, Date): EP 286768 A2 881019 (Basic)

EP 286768 A3 890816

EP 286768 B1 920429

APPLICATION (CC, No, Date): EP 87830427 871202;

PRIORITY (CC, No, Date): IT 87608 870219

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06K-017/00;

CITED PATENTS (EP A): GB 2131353 A; US 4472626 A; US 4048891 A; US 4048891

A

ABSTRACT EP 286768 A2

This invention relates to an automatic machine capable of reading data on a postal current account payment slip and transmitting them to a data processing center connected to the machine, which also cuts, stamps and returns the receipt if payment has been made, or returns the payment slip, complete, if the data processing center has not approved the payment.

ABSTRACT WORD COUNT: 63

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 881019 A2 Published application (A1with Search Report ;A2without Search Report)

Search Report: 890816 A3 Separate publication of the European or International search report

Examination: 900411 A2 Date of filing of request for examination: 900206

Examination: 910529 A2 Date of despatch of first examination report: 910412

Grant: 920429 B1 Granted patent

Oppn None: 930421 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; Italian FULLTEXT

**AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	664
CLAIMS B	(German)	EPBBF1	599
CLAIMS B	(French)	EPBBF1	748
SPEC B	(English)	EPBBF1	2295
Total word count - document A		0	
Total word count - document B		4306	
Total word count - documents A + B		4306	



17/9/32 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB (c)2000 The Gale Group. All rts.  
reserv.

11582513 SUPPLIER NUMBER: 54225152 (THIS IS THE FULL TEXT)

Billpay, revisited.(Trisense Software's PaySense)(Brief Article)

Bielski, Lauren

ABA Banking Journal, 91, 3, 56(1)

March, 1999

DOCUMENT TYPE: Brief Article ISSN: 0194-5947 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 225 LINE COUNT: 00021

1 TEXT:

2 As we said in February (see Billpay p.54), electronic bill presentment is finally coming  
3 on-line in 1999. Another company with a solution designed to embrace rather than disintermediate  
4 banks, is Trisense Software, Ltd. The company's secure, email based solution, PaySense, works  
5 as follows:

6 1. Statements or invoices are prepared for printing by existing host billing software;  
7 2. The PaySense Bill server (controlled by the bank or biller) translates print file into bill  
8 images;

9 3. PaySense bill server places each bill image into a customer's private bill mailbox;  
10 4. Customers use free PaySense smart viewer software to pick up their bills;  
11 5. Customers review bills and schedule payments with the PaySense smart viewer;  
12 6. The PaySense smart viewer places payment instruments in a biller's private mailbox;  
13 7. PaySense bill server collects payments, prepares deposits, and updates biller's host.

14 Trisense says that firewalls and encryption are "only the beginning" of its security  
15 measures. PaySense provides anonymous communication over the Internet; sensitive data (e.g.,  
16 name, account number) is never sent or stored on the Internet. Instead, it is stored on each  
17 end-user's C-drive where it is re-populated into the bill when it arrives (at the user's computer).  
18 A numerical code is used to ensure that the biller sends the correct bill.

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8/9/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R) (c) 2002 ProQuest Info&Learning. All rts. reserv.

01472529 01-23517

New postal imprinting to affect Soho

Anonymous

Managing Office Technology v42 n6 PP: 13 Jun 1997

CODEN: MOFTDB

ISSN: 1070-4051

JRNL CODE: MOP

DOC TYPE: Journal article

LANGUAGE: English

LENGTH: 1 Pages

WORD COUNT: 274

1 ABSTRACT: Digital identification - the greatest change in postal imprinting - is expected  
2 to be in test use in the US by fall 1997. The main component will be small electronic postage  
3 meters that attach to a personal computer and allow users to refill postage via the Internet or by  
4 telephone using credit cards or smart cards for payment.

5 TEXT: The greatest change in postal imprinting--digital identification--is expected to be  
6 in test use in the U.S. by the fall of this year. The main component of this revolutionary change  
7 will be small electronic postage meters that attach to a personal computer and allow users to refill  
8 postage via the Internet or by telephone using credit cards or "smart" cards for **payment**.

9 With the new Information Based **Indicia** Program (IBI) postal system, **proof of payment**  
10 of postage will also be "intelligent," thanks to the use of a barcode symbol imaged onto the upper  
11 right-hand corner of each envelope by the user's PC printer. The postal authorities are  
12 incorporating methods they hope will foil even the most dedicated and sophisticated hackers. Each  
13 imprint carries unique information, creating a totally individualized and traceable entity. There's  
14 also room for a small advertisement.

15 "This is a giant breakthrough," says Richard Ekstract, chairman of the Home Office  
16 Association of America, Inc. (New York, NY). "Before, home office business users had to make  
17 a special trip to a local post office and stand in line to purchase stamps. That could take 30  
18 minutes or more. The alternative was to lease a postage imprint machine. These are often bulky  
19 and not inexpensive."

20 The current concept requires a Postal Security Device, a unique device that holds the  
21 monetary registers that are the cashbox of postage use. As part of the indicia generation process,  
22 it provides the monetary information to the host system, which will have software interacting with  
23 the user.

24 (Illustration Omitted) Captioned as: This is a mockup of what the IBI might look like in the  
25 right-hand corner of an envelope.

THIS IS THE FULL-TEXT. Copyright Penton Publishing 1997